

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1-19 (canceled):

20 (New): An information processing method for processing a file containing lossless-compressed or non-compressed digital image data obtained by digitally converting a signal that has been output from an image sensing device, said method including process of:

reading the digital image data contained in the file;

selecting automatically signal processing to be used from among the plurality of types of signal processing which use any of at least a plurality of types of luminance signal processing methods and/or a plurality of types of color signal processing methods based upon an extension indicating a format of the file to be processed;

further selecting the signal processing based on specific information of an image sensing apparatus including product information specifying an apparatus that generates the file, configuration of image sensing device that generates the file and color-filter information specifying a color filter used by the image sensing device that are contained in the file in case the signal processing cannot be selected based on the extension; and

converting the digital image data contained in the file to data having a prescribed format by executing the selected signal processing.

21 (New): The method according to claim 20, further comprising a decompression execution process of subjecting the digital image data contained in the file to one of a plurality of

decompressing processes corresponding to a plurality of types for decompressing digital image data;

wherein in the selecting process, decompression process to be used in the decompression execution process is selected based upon the attribute information contained in the file.

**22 (New):** The method according to claim 20, wherein the signal processing is executed in the converting process using an image processing parameter set by a user.

**23 (New):** The method according to claim 20, wherein signal processing of the plurality of types in the converting process includes high-frequency emphasis processing for causing a high-frequency emphasis signal to act upon a luminance signal that has been obtained by conversion from the digital image data, said high-frequency emphasis signal being obtained by either first processing for generating a high-frequency emphasis signal using color signals of all colors included in the digital image data, or second processing for generating a high-frequency emphasis signal using a color signal of a specific color included in the digital image data,

wherein signal processing of the plurality of types in the converting process further includes third processing for generating a luminance signal using color signals of all colors included in the digital image data, and fourth processing for generating a luminance signal using a color signal of a specific color included in the digital image data; and

in the selecting process, either the third processing or the fourth processing is further selected;

**24 (New):** A computer readable storage medium storing a control program causing a computer to execute the information processing method set forth in claim 20.

25 (New): A control program stored in a computer readable storage medium, which causes a computer to execute the information processing method set forth in claim 20.

26 (New): An information processing apparatus for processing a file containing lossless-compressed or non-compressed digital image data obtained by digitally converting a signal that has been output from an image sensing device, said apparatus comprising:

a reading unit configured to read the digital image data contained in the file;

      a first selecting unit configured to select automatically signal processing to be used from among the plurality of types of signal processing which use any of at least a plurality of types of luminance signal processing methods and/or a plurality of types of color signal processing methods based upon an extension indicating a format of the file to be processed;

      a second selecting unit configured to select the signal processing based on specific information of an image sensing apparatus including product information specifying an apparatus that generates the file, configuration of image sensing device that generates the file and color-filter information specifying a color filter used by the image sensing device that are contained in the file in case the signal processing cannot be selected based on the extension by said first selecting unit; and

      a converting unit configured to convert the digital image data contained in the file to data having a prescribed format by executing the selected signal processing.